

Project Summary and Justification

Department	Public Utilities
Division	Water Supply & Distribution

The 2003-2009 Capital Improvement Program for the Lincoln Water System has been prepared and updated based upon information and recommendations contained in: (a) 2025 Comprehensive Plan and (b) 2002 Water Master Plan. These reports consisted of comprehensive reviews of the City of Lincoln's water works facilities and analysis of system capabilities based upon projected future demands on the system. The 2002 Water Master Plan Report was coordinated with the Planning Department and utilized 2000 census population and land use data formulated in the new Lincoln-Lancaster Comprehensive Plan. The Capital Improvement Program also reflects the effective implementation of the current year's approved Water Construction Fund Budget (2002-2003).

Financial limitations and projections are an important practical consideration in the 2003-2009 Capital Improvement Program. Major capital improvements, which provide facilities for future growth, are financed primarily by water revenue bonds and the balance by recently implemented impact fees and water revenues. Future users pay for the debt service of water revenue bonds. This program places emphasis on Capital Improvements within Lincoln, i.e., pumping stations, reservoirs, transmission and distribution mains, and in the later years of the CIP, completion of the transmission main to Lincoln, and water supply and treatment plant expansion. Lincoln Water System's physical facilities can generally be divided into four functions. These are: supply, treatment, transmission, and distribution. The distribution area can be further subdivided into (a) pumping stations, reservoirs, and other structures, and (b) water distribution mains. As in previous years, the 2003-2009 Capital Improvement Program has been prepared and organized utilizing the above-mentioned categories.

Primary water supply for the City of Lincoln originates from northeasterly of Lincoln, Nebraska. This primary source is supplemented during peak summer demand periods by a group of wells located within the corporate limits of the City. Water from the treatment facilities is currently treated by the "aeration filtration" and/or "ozonation filtration" processes which removes the iron and manganese and is then transmitted to Lincoln. The Water Distribution System within the City is divided into six pressure zones - Belmont Pressure Zone, Low Duty Pressure Zone, High Duty Pressure Zone, Southeast Pressure Zone, Northwest Booster System, and Cheney Booster System. Pressure zones are interconnected through a series of storage reservoirs and pumping stations. Water is then pumped through distribution mains into the customer's tap.

The proposed 2003-2009 Capital Improvement Program is highlighted by continued efforts to improve water supply, treatment, transmission, and distribution facilities. It is imperative that capital facilities be planned and implemented in an orderly manner to ensure that customers within the City of Lincoln are provided with an adequate quantity of quality water, meeting local, State and Federal safe drinking water standards. Water facilities were configured to accommodate room for addition of more complex treatment facilities to meet future water

Project Summary and Justification (cont.)

Department	Public Utilities
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treatment needs. Consideration was given to degradation of water quality due to potential contamination from sources such as Mead Ordnance Plant and agricultural runoff. The 2003-2009 six-year CIP provides for comprehensive update of the Facilities Water Master Plan; water supply expansion and enhancements; treatment plant expansion; an upgrade of control system; construction of additional reservoirs, transmission and distribution mains throughout the City of Lincoln; and additions of pumping stations throughout the City. Additional facilities will be constructed beyond this plan. It is the Lincoln Water System's goal to accomplish this at the least cost to the rate payers.

Major construction expenditures are programmed in this Capital Improvement Program. These costs were identified in the 2002 Water Master Plan Report. A phasing plan and priorities of construction are developed in the 2002 Water Master Plan Report. Additional construction expenditures associated with projects such as these will continue to be necessary as the community continues to grow.

The 2002 Water Master Plan Reports provided: (a) an updated Distribution System Hydraulic Analysis; and (b) a comprehensive water supply, treatment, transmission and distribution system Master Plan Report. The Master Plan also identified water distribution system needs and evaluated the most energy efficient method of operation of the water treatment facilities and the pumping stations and reservoirs throughout the City of Lincoln. Improvement recommendations from the 2002 Water Master Plan reports include:

- (a) The addition of a Pioneers Pumping Station which provides an additional pumping station in the Belmont System.
- (b) 2 MG storage reservoir in the Cheney Booster System.
- (c) Ozone contact modifications.
- (d) Major water transmission mains to the City and between pressure systems. These projects provide the ability to increase the reliability of the pressure systems throughout the City.
- (e) Expansion of water supply and treatment systems.
- (f) Additional and replacement pumps to meet current and future growth needs of the City.
- (g) Various water distribution feeder mains to accommodate future land development and improve operations and reliability of the existing water distribution feeder main grid system.
- (h) General System Improvements include completing work on the Control System and SCADA system to automate the operation of the wellfield, treatment plants, pumping stations, and Water Distribution System and to enhance security for the entire water system. The 2002 Water Master Plan evaluated the necessary improvements needed in supply, treatment, transmission, and distribution systems required to meet the growth of

Project Summary and Justification (cont.)

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the city.

The proposed 2003-2009 Capital Improvement Program continues to provide for subsidies to residential water districts and new subdivisions to allow financing for water mains which are to be constructed greater in size than those normally required to provide fire protection in commercial and residential areas. Also, the subsidies account allows the City to share in the cost of water mains constructed in older developed areas of the City where construction costs are naturally higher. In those areas, the maximum assessment rate (currently set at \$40.00 per front foot) is normally applied by the Board of Equalization. A water distribution main replacement program, which was recommended to be expanded, will continue to allow for replacement of obsolete, deteriorated mains within the system and minor reconstruction of existing facilities that have served their useful life. Preliminary design engineering and support is provided for preliminary investigative design monies to handle emergencies and miscellaneous small projects.

Remaining projects in the proposed 2003-2009 Capital Improvement Program are under the general category of Water Distribution Mains. These mains are basically recommendations from the Water Master Plan Report and are programmed to both improve operation and reliability of the existing water distribution feeder main grid system and accommodate future land development in accordance with the land use phasing of the Comprehensive Plan plus the annual review of that plan.

Several projects from previous CIPs were initiated or completed during the 2002-2003 Fiscal Year. They are: (1) Continued design and construction of water transmission mains; (2) An additional 10 MG reservoir; (3) New Pioneers pumping station for the Belmont System and a Northwest booster pumping station; and (4) Several major distribution mains throughout the City.

Expenditures in the early years of the plan relate to the construction of: (a) Transmission main to the City; (b) Ozone system modifications; (c) Additional water transmission and distribution mains to move water from one pressure zone to another to accommodate City growth to the south, west, southwest, and northwest areas of Lincoln; (d) Additional and replacement pumps.

Many additional projects are shown in the Water Master Plan, but not shown in this proposed 2003-2009 Capital Improvement Program, since they are necessary for later phases of development in the Comprehensive Plan.

The City Council, by the adoption of the Annual Budget, hereby authorizes the acquisition of all necessary rights-of-way, easements, or other interests in land, by purchase if possible, by condemnation if necessary, for those projects included within the first year of said Capital

Project Summary and Justification (cont.)

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Improvements Program.

In summary, the 2003-2009 Capital Improvement Program for the Lincoln Water System has been prepared based upon the need to eliminate or reduce existing deficiencies and the need to implement projected requirements of capital facilities in order to ensure that the citizens of the City of Lincoln are supplied with an adequate quantity of high quality water. It is important that these capital improvements be planned judiciously and implemented on a timely basis to provide assurances of meeting these objectives.

Project 1 General System Improvements

- A. Security Upgrade
Provide security equipment and measures for our water system.
- B. Facilities Master Plan
Update the comprehensive master plan for supply, treatment, transmission, and distribution facilities to accommodate City growth.
- C. Preliminary Design & Engineering Support
Provide design and review of unanticipated water projects

Project 2 Water Supply: Wells, Treatment, and Transmission

- A. Well Replacement
To replace five existing wells to maintain current capacity as wells become obsolete.
- B. Control System Upgrade
To replace existing Supervisory Control and Data Acquisition System (SCADA) which electronically controls all water operations.
- C. Additional Supply
To provide for water supply development; evaluation of quantity and quality; physical protection; and management.
- D. Ozone Contact Basin Modifications
To provide necessary modifications to ozone contact basins to maintain their efficient operation.
- E. Treatment Plant Expansion (25 MGD)
To provide for the growth needs of the City in accordance with the Water Master Plan and Comprehensive Plan.
- F. Island Collector Well
To provide for the growth needs of the City in accordance with the Water Master Plan and Comprehensive Plan.

Project 3 Storage Reservoirs

- A. Floating Storage Reservoir (2 MG) - Cheney Booster District
To maintain the water pressure and provide fire protection reliability in the Cheney Booster District.

Project Summary and Justification (cont.)

Department	Public Utilities
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Project 4 Pump Stations

- A. New Low Service Level Pump - NEPS
New 20 MGD pump is being added to increase the volume of water pumped from the Northeast pumping station to meet the growth needs of the City.
- B. Pioneers Pump Station
This station will provide an additional pumping station in the Belmont Pressure System to meet the growth needs in the West “A” and part of the Southwest growth area and the Belmont Pressure District.
- C. Replace Transfer Pump - NEPS
Provide a 45 MGD low head transfer pump to transfer water to meet current and growth needs of the City.
- D. Trim Impellers at Belmont Pump Station
Improve pump performance to meet changing demand in the Belmont Pressure District.

Project 5 Major Transmission Mains

- A. Vine to Southeast Reservoirs
Major transmission main to provide for the transfer of water between pressure systems.
- B. Transmission Main to Lincoln
Phase I - Continuation of major transmission main from water treatment plants to Lincoln and to provide for the transfer of water to meet the current and growth needs of the City.
- C. “A” Street to Pioneers Pump Station
Major transmission main to provide for the transfer of water between pressure systems through Pioneers Pump Station.

Project 6 Selected Replacement of Water Facilities or Mains such as:

- A. South Street, 30th to 37th
- B. NW 48th, Mathis to Superior
- C. 11th, Lincoln Mall to “L” St.
- D. 21st, Randolph to “L”
- E. 18th, Harwood to South
- F. Nelson, 11th to 13th
- G. Furnas, 12th to 14th
- H. L St., 6th to 9th
- I. Charleston, 7th to 9th
- J. Sumner, 27th to 30th
- K. D, 37th to 40th
- L. Leighton, 27th to 30th
- M. Franklin, East Manor to Skyline

Project Summary and Justification (cont.)

Department	<u>Public Utilities</u>
Division	<u>Water Supply & Distribution</u>

Provide reconstruction of water mains which have served beyond their useful life. Includes mains with a history of multiple breaks, mains to be replaced in conjunction with street repaving projects, and larger mains to provide improved fire flow capacity.

Project 7 Distribution Mains - Listed by Impact Fee Benefit Area

- A. Mains in Area #1
- B. Mains in Area #2
- C. Mains in Area #3
- D. Mains in Area #4
- E. Mains in Area #5
- F. Mains in Area #6
- G. Mains in Area #7

Distribution mains identified above will provide for either tie-in between existing water mains to increase system capacity of distribution system or to allow for the orderly development of the City in accordance with Land Use Phasing of the Comprehensive Plan.

Project 8 Distribution Main Subsidies

To provide for the construction of oversized mains in residential, commercial, and industrial areas. To provide a water distribution grid system to maintain adequate fire protection. Also, to subsidize mains in certain water districts constructed in developed residential areas, or other City projects.

**Table 1. Water
Prioritized Capital Improvement Program (2003/04-2008/09)
(For additional information, refer to six year CIP.)**

Priority	CIP Project No.	Project Title	Programmed Expenditure (000's)	Cumulative Total (000's)
1	1	A. Security Upgrade	1,550.0	1,550.0
2	2	C. Additional Supply	770.0	2,320.0
3	1	B. Facilities Master Plan	460.0	2,780.0
4	2	D. Ozone Contact Basin	290.0	3,070.0
5	1	C. Preliminary Design & Engineering Support	180.0	3,250.0
6	3	A. Floating Storage Reservoir 2 MG	100.0	3,350.0
7	6	Selected Replacement of Mains	8,100.0	11,450.0
8	4	B. Pioneers Park Pump Station	1,000.0	12,450.0
9	4	A. Replace Pump - N E P S	1,400.0	13,850.0
10	4	C. New Low Service Level Pump	1,300.0	15,150.0
11	5	A. Vine to S E Reservoir Main	2,050.0	17,200.0
12	8	Distribution Main Subsidies	3,360.0	20,560.0
13*	7	A. Mains in Area # 1	540.0	21,100.0
14*	7	B. Mains in Area # 2	1,758.0	22,858.0
15*	7	C. Mains in Area # 3	950.0	23,808.0
16*	7	D. Mains in Area # 4	1,500.0	25,308.0
17*	7	E. Mains in Area # 5	1,045.0	26,353.0
18*	7	F. Mains in Area # 6	4,100.0	30,453.0
19*	7	G. Mains in Area # 7	100.0	30,553.0
20	4	D. Trim Impellers at Belmont Pump Station	250.0	30,803.0
21	5	B. Transmission Main	2,000.0	32,803.0
		Funding Cut-Off Line for Six Year Program		
22**	7	A. Mains in Area # 1	0.0	32,803.0
23**	7	B. Mains in Area # 2	3,742.0	36,545.0
24**	7	C. Mains in Area # 3	2,210.0	38,755.0
25**	7	D. Mains in Area # 4	2,669.0	41,424.0
26**	7	E. Mains in Area # 5	1,295.0	42,719.0
27**	7	F. Mains in Area # 6	8,240.0	50,959.0
28**	7	G. Mains in Area # 7	2,880.0	53,839.0
29	6	Selected Replacement of Main	8,100.0	61,939.0
30	5	B. Transmission Main to Lincoln	18,890.0	80,829.0
31	2	E. Treatment Plant Expansion (25MGD)	11,150.0	91,979.0
32	2	A. Well Replacement	1,560.0	93,539.0
33	2	B. Control System Upgrade	620.0	94,159.0
34	2	F. Island Collector Well	5,260.0	99,419.0
35	5	C. "A" St to Pioneers Pump Station	1,300.0	100,719.0

*Distribution Mains - by Impact Fee Benefit Area (40% Funded)

**Distribution Mains - by Impact Fee Benefit Area (Remainder Funded)

The map for the Lincoln Water System is not available for viewing on the website.

Please contact Lincoln Water System at 441-7511 for more information.

List of Projects Department: *Public Utilities/Water Supply & Distribution*

Project Number	Project Title
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- | | |
|----|---|
| 1* | General System Improvements |
| 2* | Water Supply - Wells, Treatment, and Transmission |
| 3* | Storage Reservoirs |
| 4* | Pump Stations |
| 5* | Major Mains |
| 6* | Selected Replacement of Mains |
| 7* | Distribution Mains |
| 8* | Distribution Main Subsidies |

* Indicates project is **NOT** shown on the map.

DEPARTMENT: PUBLIC UTILITIES

FORM A

2003 - 2009 CAPITAL IMPROVEMENT PROGRAM

DIVISION: WATER SUPPLY & DISTRIBUTION

(1)	(2)	(3)	5% Inflation per year (4)															
PROJ. NO.	PROJECT TITLE	PROJ. PRIO.	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)															
			2003-2004	FS	2004-2005	FS	2005-2006	FS	2006-2007	FS	2007-2008	FS	2008-2009	FS				
1	General System Improvements																	
*	A. Security Upgrade	A	500.0	RB	1,050.0	RB												
	B. Facilities Master Plan	B								460.0	RB							
	C. Preliminary Design & Engineering Support - #506005	A	30.0	UR	30.0	UR	30.0	UR	30.0	UR	30.0	UR	30.0	UR	30.0	UR		
	TOTAL PROJECT 1		530.0		1,080.0		30.0		490.0		30.0		30.0		30.0			
2	Water Supply - Wells, Treatment & Transmission	A																
	A. Well Replacement - Ashland - #701024				530.0	RB			1,030.0	RB								
	B. Control System Upgrade - Ashland	A			620.0	RB												
*	C. Additional Supply - Ashland	A	250.0	RB	190.0	RB												
	D. Ozone Contact Basin	A			330.0	IF			290.0	RB								
*	E. Treatment Plant Expansion (25MGD) **	A									2,400.0	RB			8,070.0	RB	680.0	IF
*	F. Island Collector Well **	A									890.0	RB			4,370.0	RB		
	TOTAL PROJECT 2		250.0		1,670.0		0.0		1,320.0		3,290.0		3,290.0		13,120.0			
3	Storage Reservoirs																	
*	A. Floating Storage Reservoir 2 MG - C B S - 98th & N - 2 **	A	100.0	RB														
	TOTAL PROJECT 3		100.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	
4	Pump Stations																	
	A. Replace Pump - N E P S #221701	A	1,400.0	RB														
	B. Pioneers Park Pump Station	A	1,000.0	RB														
	C. New Low Service Level Pump - N E P S #221701	A	1,020.0	RB	280.0	IF												
	D. Trim Impellers at Belmont P S	B															250.0	UR
	TOTAL PROJECT 4		3,700.0		0.0		0.0		0.0		0.0		0.0		250.0			
	** - Impact Fee Eligible																	

(5)	(6)	(7)		(8)	(9)	(10)	(11)						(1)
TOTAL FOR SIX YEARS (000's)	COST BEYOND 2008-2009 (000's)	PRIOR APPROPRIATIONS		TOTAL CAP COSTS (000's)	COMP PLAN CONFORM	STATUS OF PLANS	COST BREAKDOWNS FOR SIX-YEAR EXPENDITURES (000's)						PROJ. NO.
		(000's)	YEAR FS	(5)+(6)+(7)			PRELIM PLANS	FINAL PLANS	LAND ACQUISITION	CONST	EQUIP / FURNISH	OTHER (EXPLAIN)	
1,550.0	None	None		1,550.0	GCP	1		155.0		1,395.0			1
460.0	None	None		460.0	GCP	1	460.0						*
180.0	Ongoing	N/A		180.0	GCP	0	180.0						
2,190.0				2,190.0			640.0	155.0		1,395.0			
1,560.0	Ongoing	N/A		1,560.0	GCP	2		156.0		1,404.0			2
620.0	Ongoing	N/A		620.0	GCP	1		124.0		496.0			
770.0	Ongoing	N/A		770.0	GCP	1		77.0		693.0			*
290.0	None	None		290.0	GCP	2		29.0		261.0			
11,150.0	9,100.0	None		20,250.0	GCP	2		2,025.0		9,125.0			*
5,260.0	3,900.0	None		9,160.0	GCP	2		916.0		8,244.0			*
19,650.0				32,650.0				3,327.0		20,223.0			
100.0	5,650.0	None		5,750.0	GCP	2			100.0				3
100.0	5,650.0			5,750.0					100.0				*
1,400.0	None	100.0	02-03	1,500.0	GCP	2				1,400.0			4
1,000.0	None	600	02-03	1600	GCP	7				1,000.0			
1,300.0	None	100.0	02-03	1,400.0	GCP	2				1,300.0			
250.0	None	None		250.0	GCP	2		25.0		225.0			
3,950.0				4,750.0				25.0	0.0	3,925.0			

2003 - 2009 CAPITAL IMPROVEMENT PROGRAM

DIVISION: WATER SUPPLY & DISTRIBUTION

(1)	(2)	(3)	5% Inflation per year (4)														
PROJ. NO.	PROJECT TITLE	PROJ. PRIO.	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)														
			2003-2004	FS	2004-2005	FS	2005-2006	FS	2006-2007	FS	2007-2008	FS	2008-2009	FS			
5	Major Mains																
	A. Vine to S E Reservoir #506220	A	2,000.0	RB	50.0	DC											
	B. Transmission Main to Lincoln **	A					1,680.0	RB			8,650.0	RB			8,970.0	RB	
	C. "A" St to Pioneers Pump Station #700070	A	1,300.0	RB			410.0	IF			550.0	IF			630.0	IF	
	TOTAL PROJECT 5		3,350.0		0.0		2,090.0		9,200.0		9,600.0		0.0				
6	Selected Replacement of Mains such as - #700210: Projects such as:	A	2,400.0	RB	2,520.0	RB	945.0	RB	2,760.0	RB	2,880.0	RB	3,000.0	RB			
	A. South Street - 30th to 37th																
	B. N W 48th, Mathis to Superior																
	C. 11th, Lincoln Mall to "L" St																
*	D. 21st, Randolph to "L"																
	E. 18th, Harwood to South																
	F. Nelson, 11th to 13th																
	G. Furnas, 12th to 14th																
	H. "L" St, 6th to 9th																
*	I. Charleston, 7th to 9th																
	J. Sumner, 27th to 30th																
	K. "D", 37th to 40th																
	L. Leighton, 27th to 30th																
	M. Franklin, East Manor to Skyline																
	TOTAL PROJECT 6		2,400.0		2,520.0		2,640.0		2,760.0		2,880.0		3,000.0				
	** - Impact Fee Eligible																

FORM B

(5)	(6)	(7)		(8)	(9)	(10)	(11)						(1)	
TOTAL FOR SIX YEARS (000's)	COST BEYOND 2008-2009 (000's)	PRIOR APPROPRIATIONS (000's)		TOTAL CAP COSTS (000's)	COMP PLAN CONFORM	STATUS OF PLANS	COST BREAKDOWNS FOR SIX-YEAR EXPENDITURES (000's)						PROJ. NO.	
		YEAR	FS	(5)+(6)+(7)			PRELIM PLANS	FINAL PLANS	LAND ACQUISITION	CONST	EQUIP / FURNISH	OTHER (EXPLAIN)		
2,050.0	None	300.0	92-94	11,550.0	GCP	7					2,050.0			5
		3,000.0	99-00											
		2,200.0	00-01											
20,890.0	None	None		20,890.0	GCP	2		2,089.0			18,801.0			
1,300.0	None	1,670.0	01-02	5,080.0	GCP	7					1,300.0			
		2,110.0	02-03											
24,240.0				37,520.0				2,089.0			22,151.0			
16,200.0	Ongoing	N/A		16,200.0	GCP	1		1,620.0			14,580.0			6
														*
														*
16,200.0				16,200.0				1,620.0			14,580.0			

DEPARTMENT: PUBLIC UTILITIES

FORM A

2003 - 2009 CAPITAL IMPROVEMENT PROGRAM

DIVISION: WATER SUPPLY & DISTRIBUTION

(1)	(2)	(3)	5% Inflation per year (4)															
PROJ. NO.	PROJECT TITLE	PROJ. PRIO.	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)															
			2003-2004	FS	2004-2005	FS	2005-2006	FS	2006-2007	FS	2007-2008	FS	2008-2009	FS				
7	Distribution Mains - by Impact Fee Benefit Area **																	
	A. Mains in Area # 1 Holdrege, NW48th to NW 40th; South St, SW 27th to SW 33rd	A	280.0	RB								260.0	UR					
	B. Mains in Area # 2 Fletcher, 14th to 1st to Hwy 34 & NW 27th to Alvo; 14th & Alvo to N 27th & Arbor; 1st & Arbor to NW 12th & Alvo	A	560.0	RB	2,406.0	RB						1,931.0	RB					
					224.0	DC						159.0	DC					
					80.0	IF						140.0	IF					
	C. Mains in Area # 3 Arbor, 40th to 70th to 1/4 mile south; 56th, Fletcher to Arbor	A	180.0	RB			2,220.0	RB				670.0	RB					
			20.0	IF			70.0	IF										
	D. Mains in Area # 4 Havelock, 70th to 84th; Adams, 81st to 98th; Holdrege, 85th to 112th; 98th, Adams to Holdrege Leighton, 83 to 98th;	A	100.0	RB							1,130.0	RB	870.0	RB			1,029.0	RB
											140.0	IF	80.0	IF			695.0	UR
																125.0	IF	
	E. Mains in Area # 5 93rd & Agusta to 94th & Old Cheney to 94th & Pine Lake; 98th, Pine Lake to Yankee Hill	A	200.0	RB	859.0	RB	1,185.0	RB										
					61.0	DC	35.0	IF										
	F. Mains in Area # 6 Yankee Hill, 27th to 84th; 27th, Porter Ridge to Saltillo & 38th; '40th, Yankee Hill to Saltillo; 56th, Union Hill to Yankee Hill; Rokeby, 27th to 48th; 70th, Pine Lake to Yankee Hill	A	2,580.0	RB	2,310.0	RB	3,545.0	RB					2,860.0	UR			500.0	UR
			120.0	IF	80.0	IF	105.0	IF					240.0	IF				
	G. Mains in Area # 7 Folsom, Pioneers to Old Cheney; Old Cheney, 1st to 14th; 1st, Old Cheney to W Denton; 14th, Old Cheney to W Denton	A	100.0	RB													2,665.0	UR
																	215.0	IF
	TOTAL PROJECT 7		4,140.0		6,020.0		7,160.0		4,430.0		4,050.0		5,229.0					
8	Distribution Main Subsidies - #506050	A	190.0	RB	490.0	RB	290.0	RB	280.0	RB	320.0	RB	620.0	UR				
			310.0	UR	30.0	UR	260.0	UR	290.0	UR	280.0	UR						
	TOTAL PROJECT 8		500.0		520.0		550.0		570.0		600.0		620.0					
	FUNDING SOURCE BREAKDOWN:																	
	DC (Developer's Contribution)		50.0		285.0		0.0		159.0		0.0		0.0				0.0	
	RB (Revenue Bonds)		14,160.0		10,975.0		9,865.0		17,201.0		16,330.0		16,469.0				16,469.0	
	UR (Utility Revenue)		340.0		60.0		1,985.0		580.0		3,170.0		4,760.0				4,760.0	
	IF (Impact Fee Revenue)		420.0		490.0		620.0		830.0		950.0		1,020.0				1,020.0	
	DIVISION TOTALS		14,970.0		11,810.0		12,470.0		18,770.0		20,450.0		22,249.0					

FORM B

(5)	(6)	(7)		(8)	(9)	(10)	(11)						(1)	
TOTAL FOR SIX YEARS (000's)	COST BEYOND 2008-2009 (000's)	PRIOR APPROPRIATIONS		TOTAL CAP COSTS (000's)	COMP PLAN CONFORM	STATUS OF PLANS	COST BREAKDOWNS FOR SIX-YEAR EXPENDITURES (000's)						PROJ. NO.	
		(000's)	YEAR FS	(5)+(6)+(7)			PRELIM PLANS	FINAL PLANS	LAND ACQUISITION	CONST	EQUIP / FURNISH	OTHER (EXPLAIN)		
540.0	Ongoing	N/A		540.0	GCP	2		54.0			486.0			7
5,500.0	Ongoing	N/A		5,500.0	GCP	2		550.0			4,950.0			
3,160.0	Ongoing	N/A		3,160.0	GCP	2		316.0			2,844.0			
4,169.0	Ongoing	N/A		4,390.0	GCP	2		439.0			3,951.0			
2,340.0	Ongoing	N/A		2,340.0	GCP	2		234.0			2,106.0			
12,340.0	Ongoing	N/A		12,340.0	GCP	2		1,234.0			11,106.0			
2,980.0	Ongoing	N/A		2,980.0	GCP	2		298.0			2,682.0			
31,029.0				31,250.0				3,125.0			28,125.0			
3,360.0	Ongoing	N/A		3,360.0	GCP	0		336.0			3,024.0			8
3,360.0				3,360.0										
494.0														
85,000.0														
10,895.0														
4,330.0														
=====														
100,719.0														

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